

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007114.D
 Acq On : 28 Nov 2018 15:33
 Operator : VAY/AP
 Sample : J6079-03
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 J-3

Quant Time: Nov 29 04:57:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	98466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	149117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	65262	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52863	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.89	113	44640	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	10.33	98	187475	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	69263	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

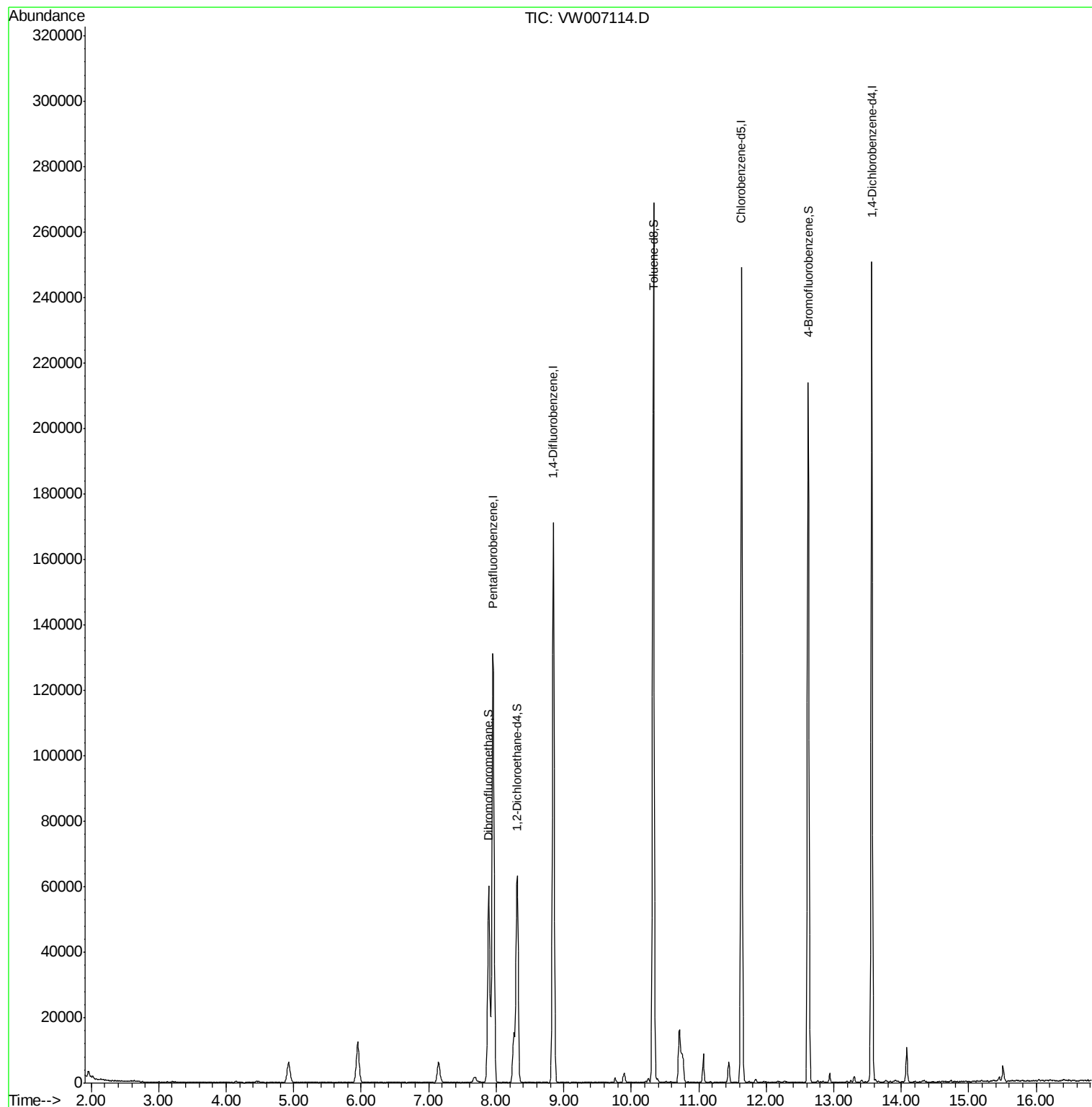
Target Compounds	Qvalue

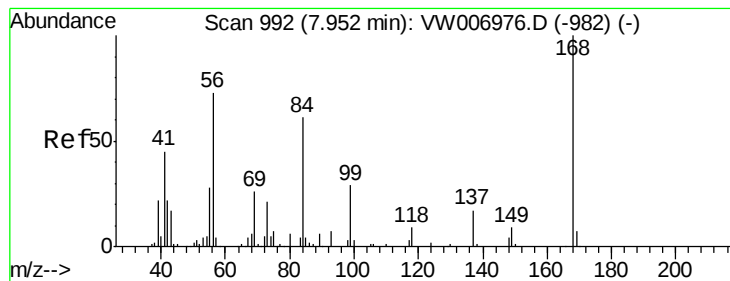
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112818\
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

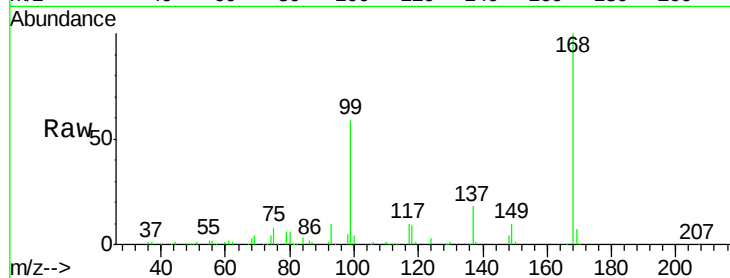
Instrument :
MSVOA_W
ClientSampled :
J-3

Tot Ion:168 Resp: 98466

Ion Ratio Lower Upper

168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

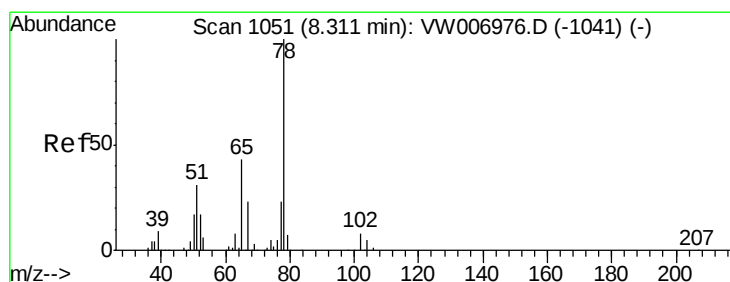
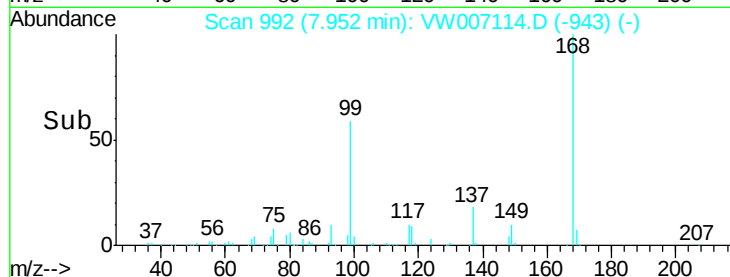
20000

10000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 54.837 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW007114.D

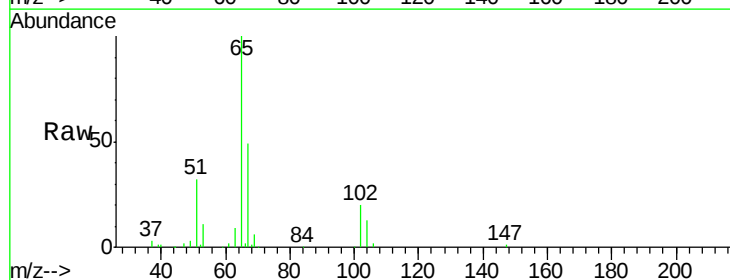
Acq: 28 Nov 2018 15:33

Tgt Ion: 65 Resp: 52863

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

15000

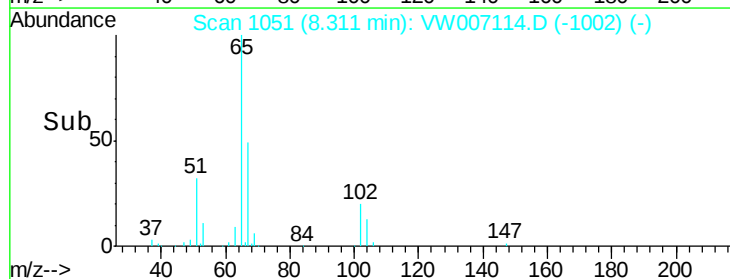
10000

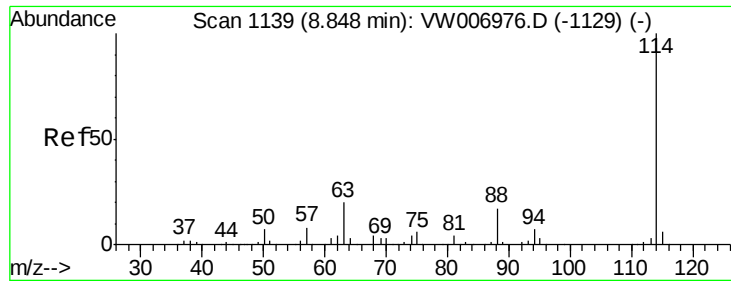
5000

0

Time-->

8.20 8.25 8.30 8.35 8.40

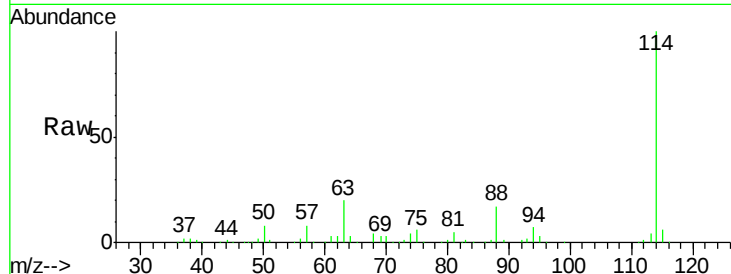




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007114.D
 Acq: 28 Nov 2018 15:33

Instrument :
 MSVOA_W
 ClientSampleId :
 J-3

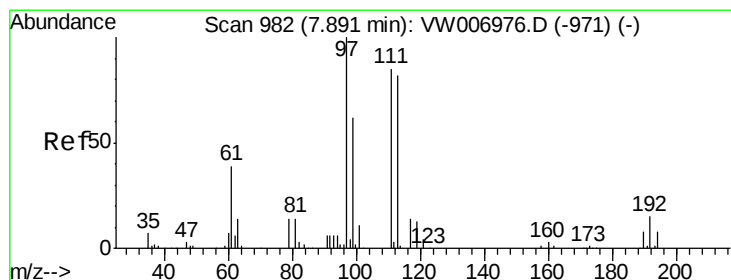
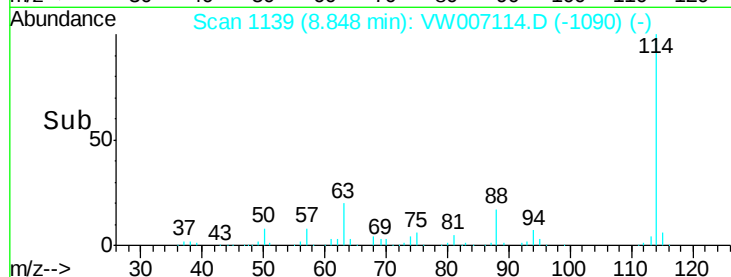
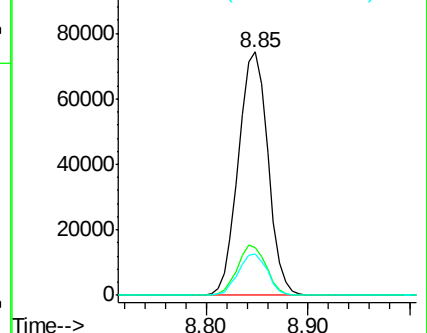
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.4
88	16.9	0.0	34.2



Abundance Ion 113.90 (113.60 to 114.60): V

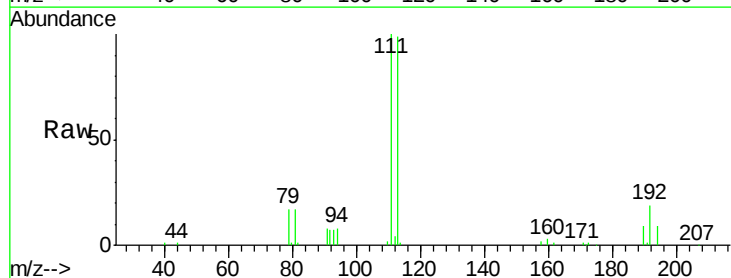
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 53.010 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007114.D
 Acq: 28 Nov 2018 15:33

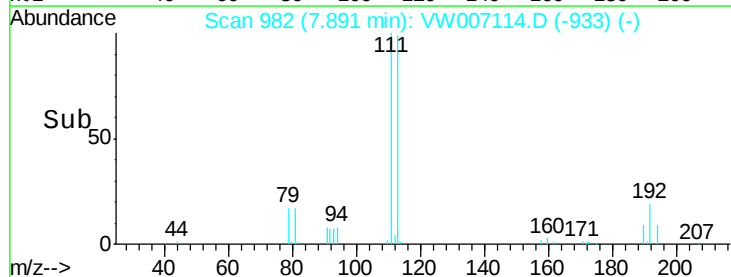
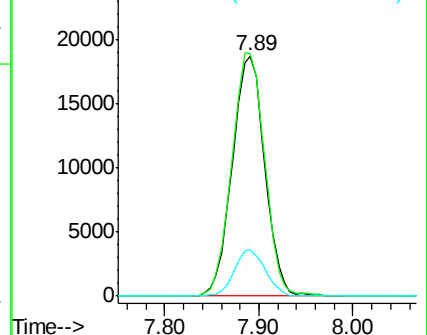
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.6
192	18.5	15.0	22.6

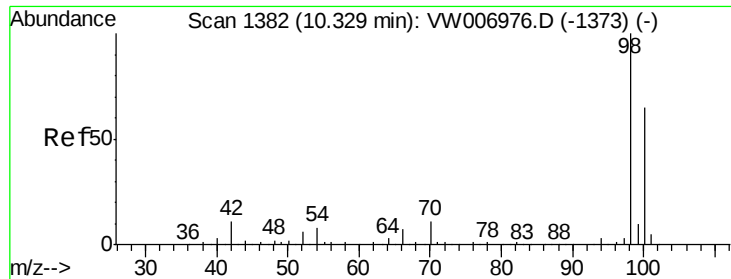


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.415 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

Instrument :

MSVOA_W

ClientSampleId :

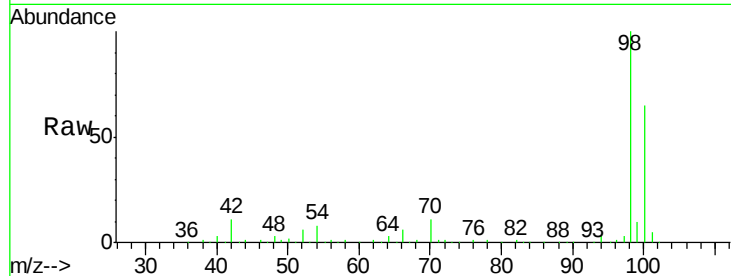
J-3

Tot Ion: 98 Resp: 187475

Ion Ratio Lower Upper

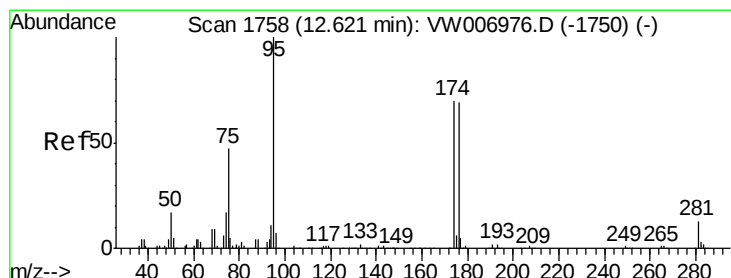
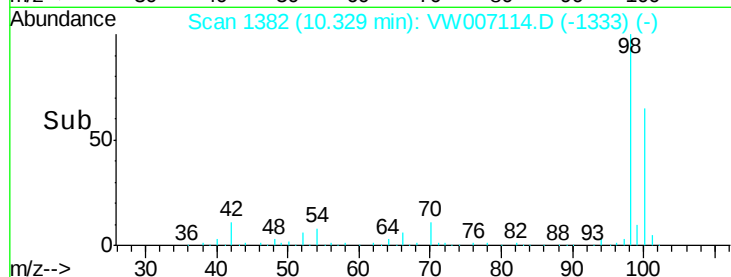
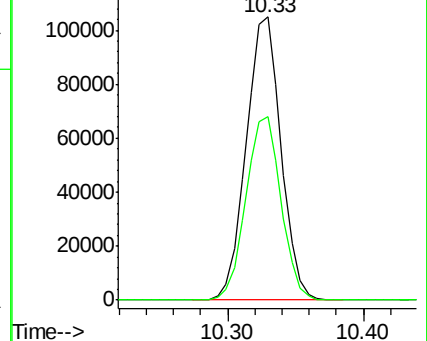
98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.332 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007114.D

Acq: 28 Nov 2018 15:33

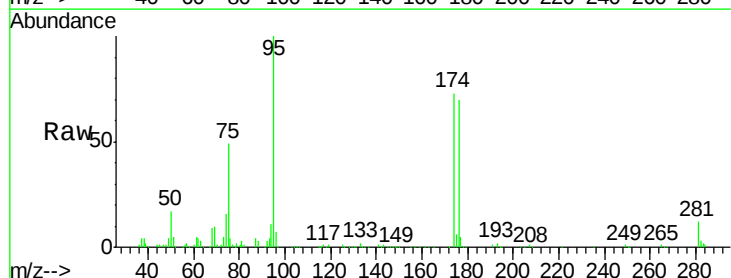
Tgt Ion: 95 Resp: 69263

Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.6

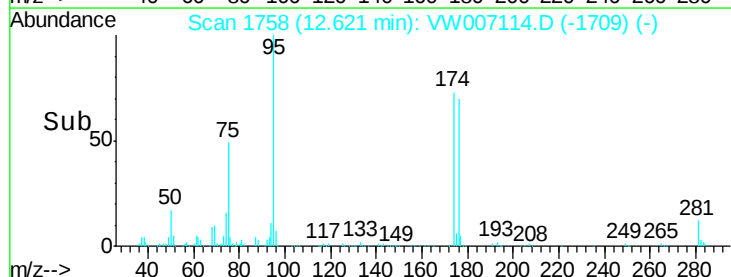
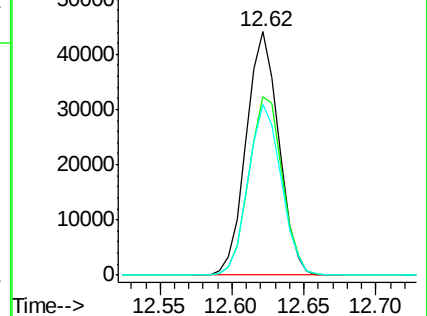
176 70.7 0.0 140.4

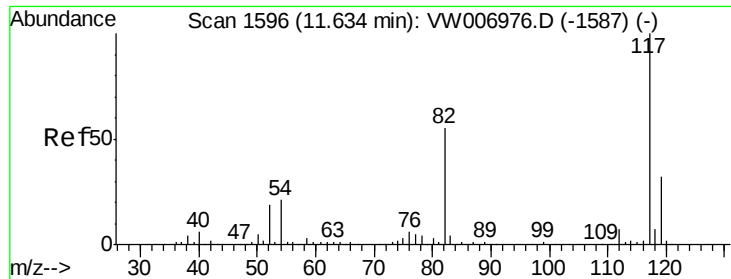


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

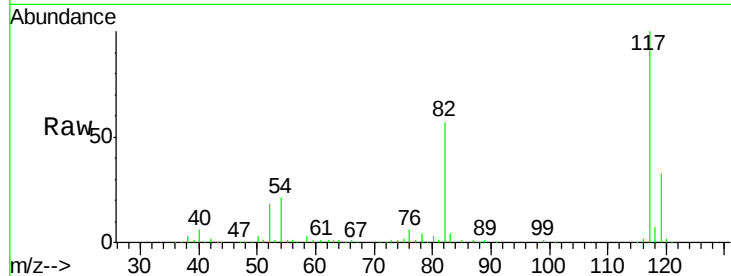




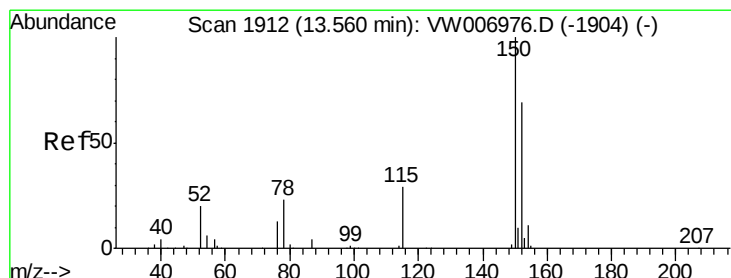
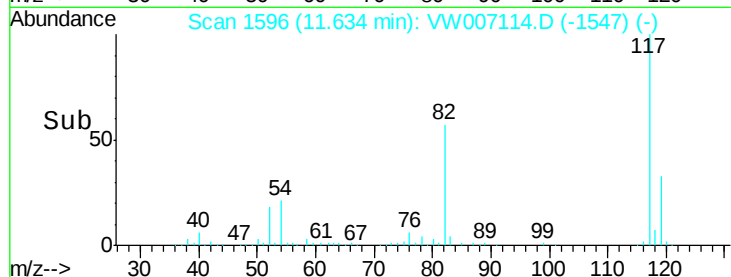
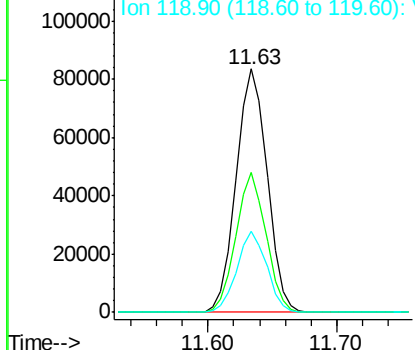
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007114.D
Acq: 28 Nov 2018 15:33

Instrument :
MSVOA_W
ClientSampled :
J-3

Tot Ion:117 Resp: 139279
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 33.3 25.9 38.9

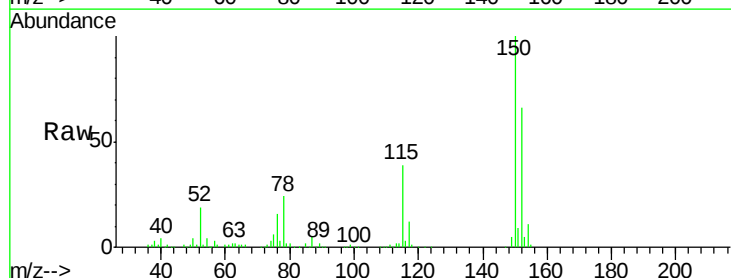


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007114.D
Acq: 28 Nov 2018 15:33

Tgt Ion:152 Resp: 65262
Ion Ratio Lower Upper
152 100
115 61.4 31.4 94.2
150 157.2 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

